

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An apparatus for selecting an access network in a mobile station capable of receiving a service from a multi-wireless communication network, the apparatus comprising:

a physical layer for communicating with the multi-wireless communication network;
an access network selector for storing information on an available access network detected using a predetermined detection algorithm, and generating and storing a mapping table corresponding to the stored information~~detecting available networks in the multi-wireless communication network and selecting a network of the available networks during communication or handoff;~~

~~an internal memory for storing information on the detected available networks and providing the information to the access network selector; and~~

a higher layer for setting available menus based on the mapping table and informing the information on the available access network through a display unit,~~providing the information stored in the access network selector to a user, and delivering selection information of a particular network in the multi-wireless communication network to the access network selector according to a method set by the user~~

wherein the information includes a class of service field representing a type of a service, an available access network field representing the available access network and a Quality of Service field representing a service quality parameter provided from a particular available access network, and the predetermined detection algorithm represents a blind detection algorithm, a centralized detection algorithm and a broadcasting detection algorithm.

2. (Cancelled)

3. (Original) The apparatus of claim 1, further comprising a memory for storing a selection criterion of the multi-wireless communication network and a handoff method for each available service.

4. (Currently Amended) A method for selecting an access network in a mobile station capable of receiving a service from a multi-wireless communication network, the method comprising the steps of:

during an initial drive, detecting at least one available access network, mapping the detected available access nodes, and generating and storing the mapping results in a mapping table corresponding to the detection result; and

when communication is requested, providing a user with information on ~~an~~ the available access network from information stored in the mapping table, and communicating with a particular access network selected by the user,

wherein the information includes a class of service field representing a type of a service, an available access network field representing the available access network and a Quality of Service field representing a service quality parameter provided from a particular available access network.

5. (Currently Amended) The method of claim 4, further comprising the steps of:

detecting an available handoff target access network from the mapping table, if a vertical handoff is necessary; and

if a handoff method is set to an automatic mode, selecting a handoff target access network from the detected at least one available handoff target access network networks automatically.

6. (Currently Amended) The method of claim 4, further comprising the steps of:

detecting an available handoff target access network from the mapping table, if a vertical handoff is necessary; and

if a handoff method is set to a manual mode, providing the user with information on the detected at least one available handoff target access network networks and performing handoff to ~~a~~ an access network selected by the user.

7-8. (Cancelled)

9. (Currently Amended) The method of claim 4, further comprising the step of determining a predetermined particular access network as a basic network when the communication is terminated.

10-11. (Cancelled)